APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

The Technical Faculty of the University of Rostock.
GERMAN, per, Schiffbau Technik, June 1968, pp 311-316.
DIA LN 535-69

Sci-Mesh Misc
Feb 69

375,527

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Deep Sea Fishing Makes Tremendous Strides, by H. Weise, 6 pp.
GERMAN, per, Schiffbautechnik, No 6, East Berlin, June 1968, pp 317-322.
JPRS 46647

Sci/Mech-Ind-Civ-Mar Engr 369,214
Nov 68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

New Tugboats for Rivers, Lagoons and Waterways.
GERMAN, per, Schiffbau Technik, Jnne 1968, pp 323-325.
DIA LN 535-69

EEur
Econ
Feb 69 375,528

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Rostock - The Center of Maritime Traffic.
GERMAN, per, Schiffbau Technik, June 1968, pp 334-335.
DIA LN 535-69

EEur
Econ
Feb 69

375,526

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Engineer Provides Pioner Freighter Series Details, by H. Petri, 14 pp. GERMAN, per, Schiffbautechnik, East Berlin, No 7, July 1968, pp 377-381. JPRS 46514

Sci/Mech-Ind-Civ-Mar Engr 364,465
Oct 68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

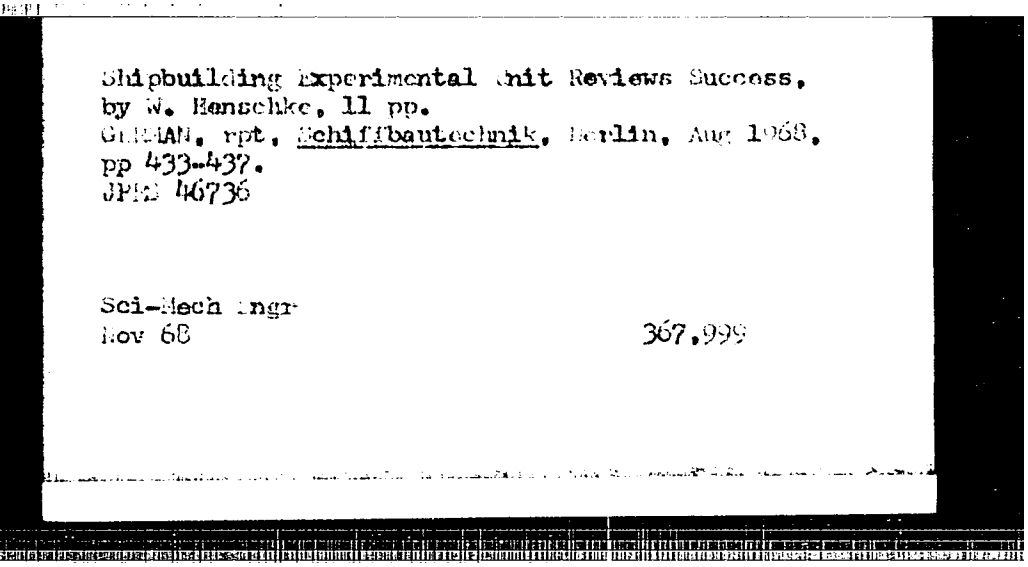
175 Years Elbe Shipyard - Boizenburg on the Elbe, 9 pp.
GERMAN, per, Schiffbau Technik, Vol 18, No 7, Jul 1968, pp 392-397.
DIA LN 229-69

Dec 68

370,599

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9



Shipbuilding Experimental Unit Reviews Success,
by W. Henschke, 11 pp.
GERMAN, rpt, Schiffbautechnik, Berlin, Aug 1968,
pp 433-437.
JPRS 46736

Sci-Mech Engr
Nov 68 367,999

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Work Analysis in Partly-Automated Ship-Operation, by H. J. Suhrbier, H. Schwarz.
GERMAN, per, Schiffbautechnik, No 18, 1968, p 520.
NLL Ref: 9022.065 (trans 3027)

Sci/Mech
Dec 69

398,859

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Activities of Rostock Fishing Institute
Reviewed, by P. Schulz, 14 pp.
GERMAN, per, Schiffbautechnik, Rostock-Marienehe,
Oct 1968, pp 574-579.
JPRS 47,200

Sci-Tar Sci & Oceanog
Jan 69

372,390

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Determination of Total Hull Volume, by A. V. K. Rao.
GERMAN, per, Schiffbautechnik, No 18, 1968, p 619.
NLL Ref: 9022.065 (trans 3018)

Sci/Mech
Dec 69

398,858

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Processing Measured Data in Hydroacoustics Phase-Insensitive Three-Channel Correlator, by W. Stammberger, 11 pp.
GERMAN, per, Schiffbautechnik, Vol 18, No 11, 1968, pp 633-636.
NAV/NIC/Tran-3094-70

Sci/Phys
Sept 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Resistance Towing Tests with Catamaran Models,
by A. Schmidt and K. Puchstein,
GMBH, Por, Schiffstechnik, Vol XVI, No 8,
1966, pp 423-428,
*Dept of Navy/DTMB

Sci-Mech, Indust, Civil & Marine Engr
Dec 66

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Stability Problems of U-Boats, by L. Ebner.
GOVERNMENT USE ONLY
GERMANY, Ber, Schiffstechnik, Vol 14, No 74,
Nov 1967, pp 95-108.
Dept of Navy NavShips Trans No 1084

See Cheryl
Sci-Tech
Aug 68

365,781

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Experimental and Theoretical Observations on the Scale Effect with Model Propeller Experiments, by K. Meyne.
GERMAN, per, Schiffstechnik, Vol 15, No 77, 1968,
NLL Ref: 5809.95 (T.6115)

Sci-Mech
May 69

380,784

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

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Agency: Coast Guard
P.O. #: CG-24,402-B
THE CAPSIZING OF SHIPS IN A LONGITUDINAL IRREGULAR SEAWAY
Title: Das Kentern von Schiffen in unregelmassiger langslaufender See

Author: Kastner, 1969
Source: SCHIFFSTECHNIK, Vol 16, #84, 1969 pp 121-132
Vol 17 #88 1970 pp 1-20

Language: German

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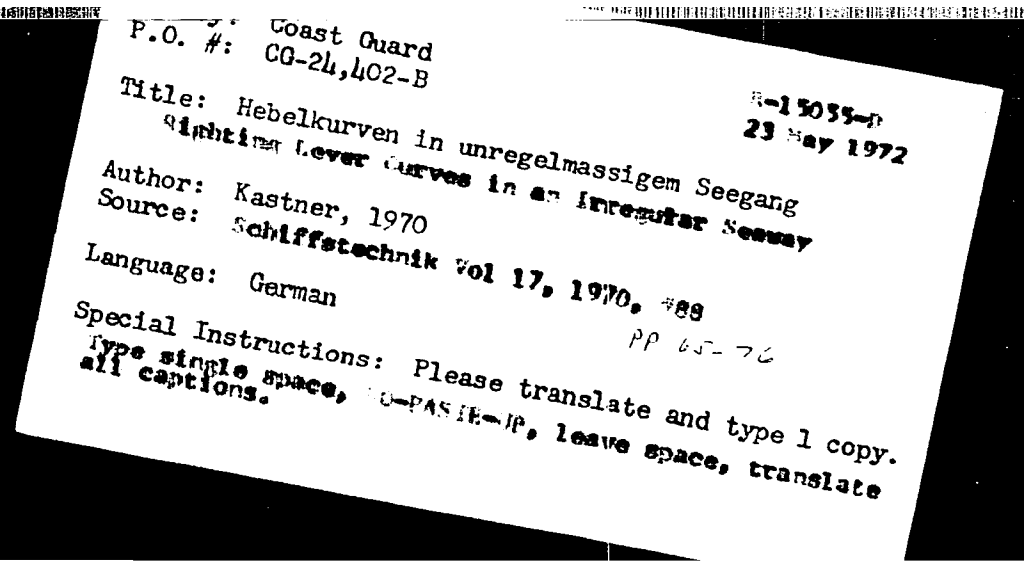

Coast Guard
P.O. #: CG-24,402-B

R-15055-P
23 May 1972

Title: Hebelkurven in unregelmassigem Seegang
Rhythmic Lever Curves in an Irregular Seaway

Author: Kastner, 1970

Source: Schiffstechnik Vol 17, 1970, #88
pp 65-76

Language: German

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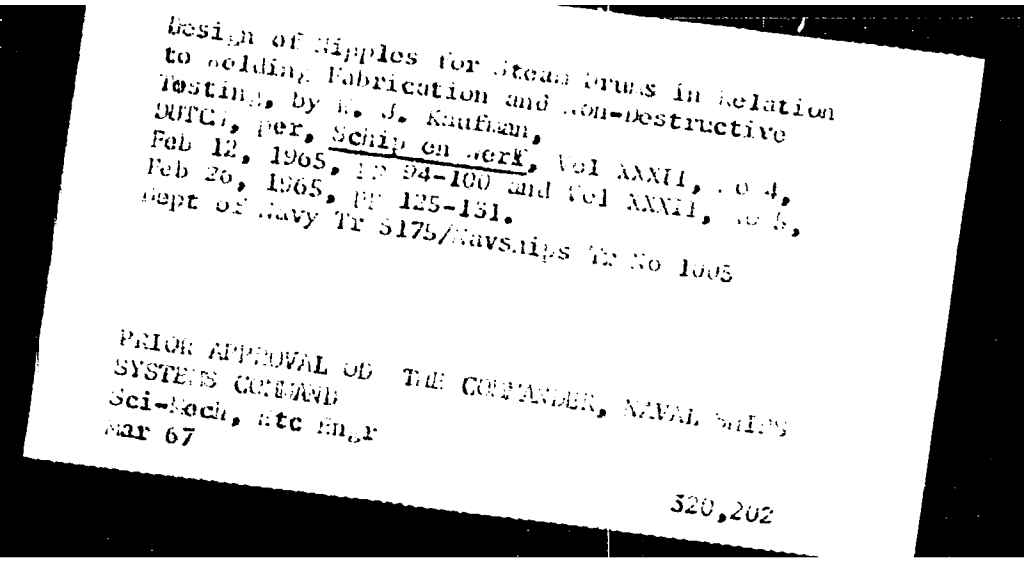


Design of Nipples for Steam Drums in Relation to Welding, Fabrication and Non-Destructive Testing, by K. J. Kaufman,
DDTC, Per, Schip en Werf, Vol XXXII, No 4, Feb 12, 1965, pp 94-100 and Vol XXXI, No 5, Feb 26, 1965, pp 125-131.
Dept of Navy Tr 5175/Navships Tr No 1005

PRIOR APPROVAL OF THE COMMANDER, NAVAL SHIPS SYSTEMS COMMAND
Sci-Tech, Etc Engr
Mar 67

320,202

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

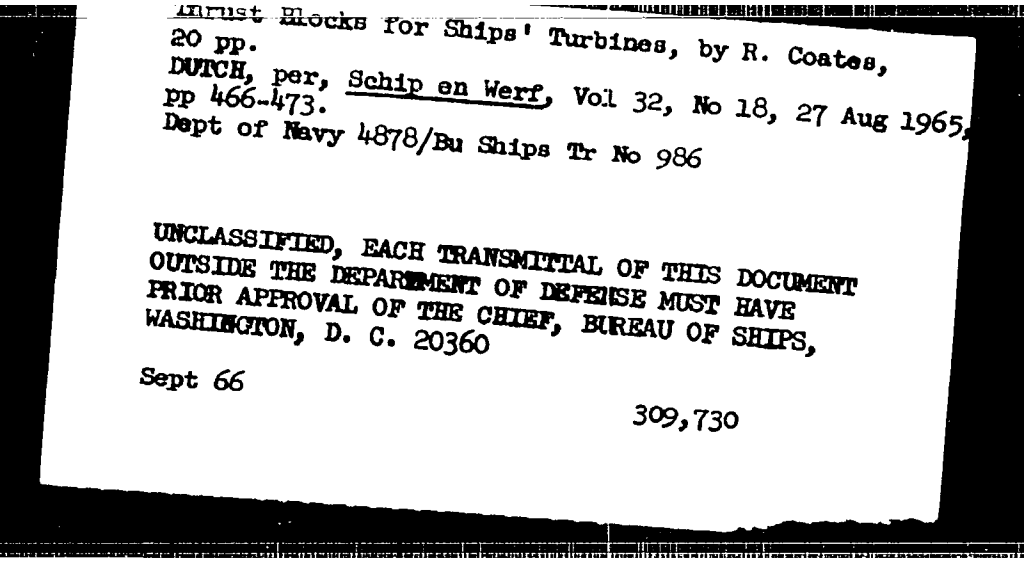
Test Correction to the Power Curves Extrapolated by Froude's Method and Using Froude's Coefficient of Friction, by H. J. De Jong, 6 pp. DEUTSCH, publ, Schiff und Hafen, Vol 32, No 12, 1965, (Publication No. 160 of the N.S.P.). MSTIC 1787

324,547

Sci - Mechanical, Industrial, Civil, and Marine Engineering
Jan 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9



Thrust Blocks for Ships' Turbines, by R. Coates,
20 pp.
DUTCH, per, Schip en Werf, Vol 32, No 18, 27 Aug 1965,
pp 466-473.
Dept of Navy 4878/Bu Ships Tr No 986

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Sept 66

309,730

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Recent Studies of Models With
Extreme Bulbous Bows, by J. J. Muntjewerf,
DUTCH, per, Schif Un Werf Part1-9
Part2-3. Vol XXXII, Nos 24/25 1965.
*Dept of Navy/DTMB Tr 325

Sci-Engr
May 66

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

The New Establishment of the Amsterdam Drydock Company, Inc. in the Western Port Area at Amsterdam, by J. P. Veldhuyzen.
19 pp.
DUTCH, per, Schip en Werf, No 27, 31 Dec 1965, pp 719-731.
DIA LN 193-66

WE/Dutch/Geogr
Aug 66 307,442

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Considerations Regarding the Use of Glass-Reinforced Polyestor in the Construction of Large Ships, by H. J. Wimmers, 26 pp.
DUTCH, per, Schip en Werf, No 7, 1966, pp 162-170.
Dept of Navy Tr No 5158/ONI 2303

Sci - Materials
Mar 67

320,511

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Some Results of Propeller Vibration Research,
by R. Wereldsma.
GOVERNMENT USE ONLY
DUTCH, par, Schip En Werf, No 23, 18 Nov 1966,
pp 626-641.
Dept of Navy/NavShips Trans No 1029

Sci/Mech
May 68

356,811

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

New Developments in Fire Extinguishers for Ships.
GOVERNMENT USE ONLY
DUTCH, per, Schip en Werf, No 10, 17 May 1968, pp 223-227.
Dept of Navy NavShips Tr No 1143

Sci-Mech
July 69

385,304

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

English Title Unknown, by P. J. M. Los.
GOVERNMENT USE ONLY PRIOR APPROVAL OF THE COMMANDER,
NAVAL SHIP SYSTEMS COMMAND
DUTCH, per, Schip en Werf, Vol 35, No 10, 1968,
pp 223-227.
*Dept of Navy NavShips Trans No 1143

Nov 68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Future Of the Brown Coal Mining Industry In Central Germany,
GERMAN, per, Schlagel Eisen, No 3
1965, p 159
SEC

Sci -
Sep 67

340,073

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Processes and Plant for Metal Cleaning and Degreasing, by Anon.
GERMAN, per, Schleif-und Poliertechnik, No 1, 1965, pp 3-7.
BISI 4542
CRL/T 2402

Sci-M&M
May 66

299,760

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Cleaning with Ultrasonics, by L. Poetschke.
GERMAN, per, Schleif-und Poliertechnik,
No 1, 1965, pp 7-11.
BISI 4541

EE-Germany
Sci/MGM
Apr 66

299,450

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

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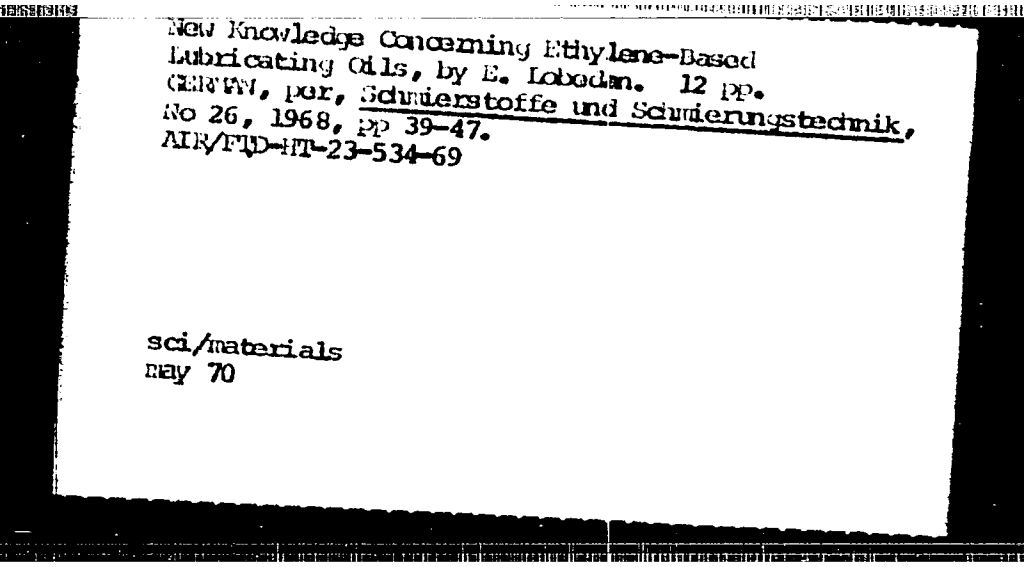

New Knowledge Concerning Ethylene-Based Lubricating Oils, by E. Lobodan. 12 pp. GERMAN, per, Schmierstoffe und Schmierungstechnik, No 26, 1968, pp 39-47. AIR/FTD-HT-23-534-69

sci/materials
may 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Oil Mist Droplet Lubrication on a High Speed Rod Mill, by B. von Kortzfleisch, GERMAN, per, Schmiertechnik, Vol 12, May/June 1965, PP 145-147.
BISI 4897

Sci-Mgt
Aug 66

308,771

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Static Film Stiffness of Externally Pressurised Air Lubricated Bearings, by H. Huber
GERMAN, per, Schmiertechnik, Vol 13, No 5, 1966, pp 274-281.
MLL Ref: 6075.461 (1902)

Sci-Mechanical
Aug 68

362,247

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

High-Temperature Properties of Plastic Lubricants, by E. Vamos
GERMAN, per, Schmiertechnik, Vol 14, No 6, 1967, pp 299-303.
EB 7379

Sci-Materials
Aug 68

362,101

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Mechanisms of Various Types of Damage Affecting Gear Wheels, by A. Tross.
GERMAN, rpt, Schmier Technik und Tribologie, May-June 1969, pp 111-118.
BISI 10277

Oct 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

P. Studt

Mass-Spectrometric Structure Group Analyses of Hydrocarbon Mixtures (Lubricating Oils).
GERMAN, per, Schmiertechnik (und Tribiologie), Vol 17, 1970, pp 175-180.
NTC 72-13883-11H

Nov 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

W. Hueber

Theoretical and Experimental Studies of Anti-Friction Bearings With Solid Lubricants.
GERMAN, per, Schmiertechnik und Tribologie,
Vol 17, 1970, pp 269-273
NTC 72-13114-11H

sept 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Seitzinger K.

Limits and Possibilities of the FZG Gear Test Machine, Especially for Testing of Hypoid Gear Oils. Casic Data of the FZG-A/8.3/90 Test.
SCHMIERTECHNIK UND TRIBOLOGIE, Vol 18, pp 223-228, 1971.
NTC-72-15064-11H

Feb 73

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Optical Materials for the Ultraviolet and Infrared Spectral Range, by H. Schroeder, 39 pp.
GERMAN, per, Schott Information, No 4, 1967, pp 1-28.
FTD-HC-23-1807-71

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Aug 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

W. Sack

Glass, Glass ceramics, sinter glass ceramics. 32 pp.
GERMAN, rpt, Schott Schriften, 1971, pp 1-35.
AIR/FTD-HC-23-1809-71

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aug 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

W. Geffcken

Progress in the field of optical glass. 19 pp.
GERMAN, rpt, Schott schriften, No 4, 1971, pp 1-28
AIR/FTD-HC-23-1808-71

aug 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

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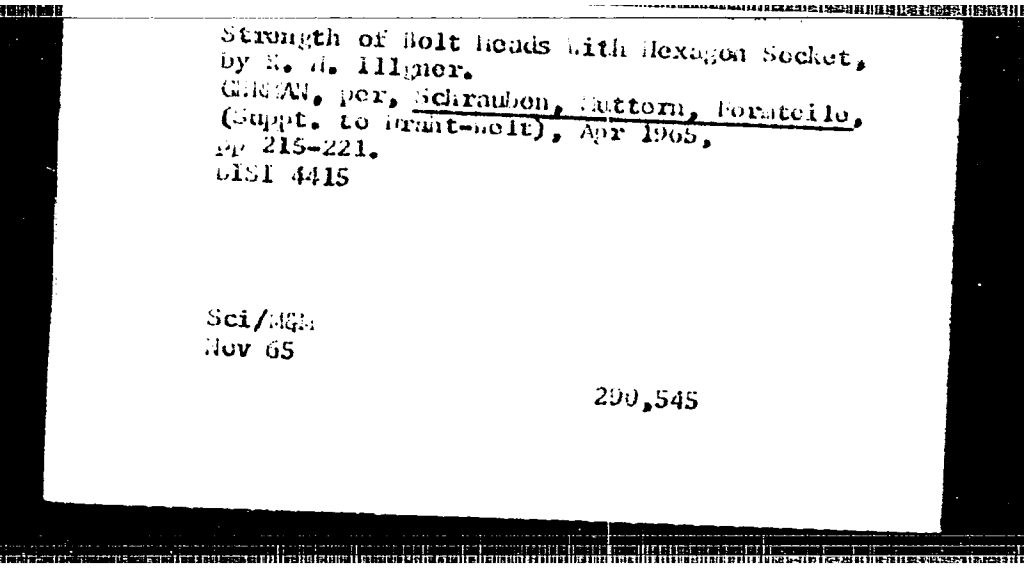


Strength of Bolt Heads With Hexagon Socket,
by K. H. Illgner.
GIESAU, per, Schraubon, Buttorn, Fonteilo,
(Suppt. to Fromt-Welt), Apr 1965,
pp 215-221.
DISI 4415

Sci/Mgh
Nov 65

290,545

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

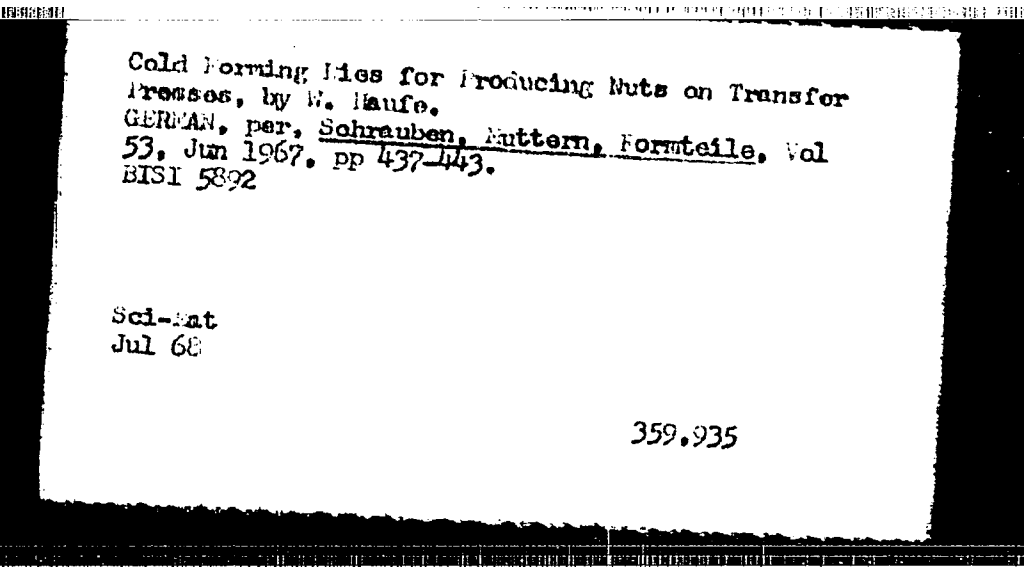
Thread Manufacture by Thread Rolling,
by E. Lickteig.
GERMAN, per. Schrauben, Muttern, Formteile,
Vol 51, Dec. 1965, pp 669-674, Vol 52,
Jan. 1966, pp 39-44.
BISI 4790

Sci-M&M
Jul 66

306,410

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9



Cold Forming Dies for Producing Nuts on Transfer Presses, by W. Haufe.
GERMAN, per. Schrauben, Muttern, Formteile, Vol 53, Jun 1967, pp 437-443.
BISI 5892

Sci-Mat
Jul 68

359.935

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

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Air Pollu. 317

R-9205-D
26 Feb 68

Schriftenreihe der landesanstalt fur immissions - und bodennutzungsschutz des landes nordrhein-westfalen essen Issue No 7, 1967: 7-90 (84 pp)

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Development of a Simple Method for Measuring the Dust, Soot, and Tar Emission From House Furnace Using Solid Fuel, by F. Baum.

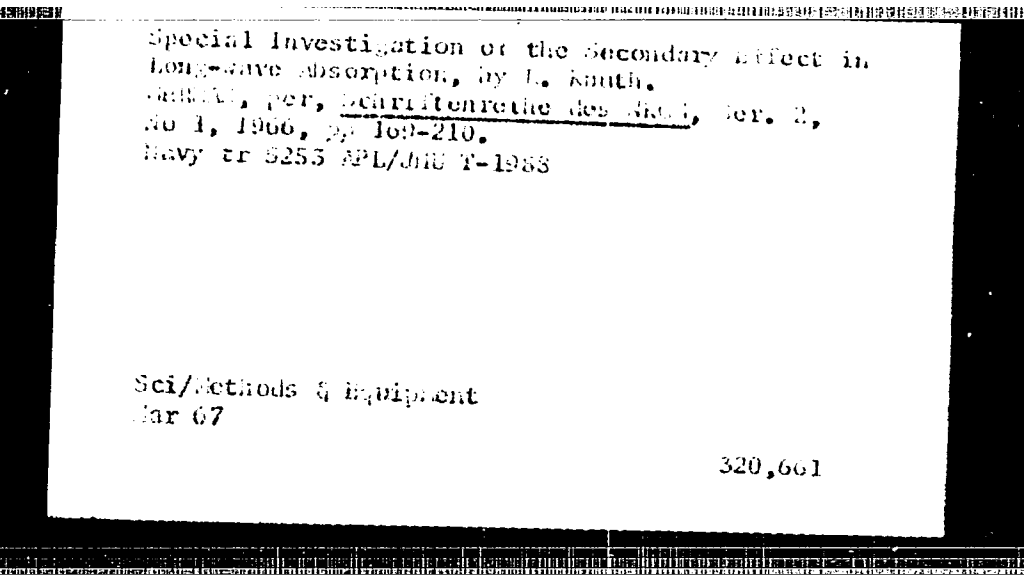
GERMAN, rpt, Schriftenreihe der Landesanstalt fuer Immissions- und Bodennutzungsschutz des Landes Nordrhein-Westfalen in Essen, 1968, pp 1-13.

NTC-71-10618-13B

Nov 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9



Special Investigation of the Secondary Effect in Long-wave Absorption, by L. Knuth.
Ann[illegible], per, Schriftenreihe des Inst., Ser. 2, No 1, 1966, pp 169-210.
Navy tr 5253 APL/JHU T-1983

Sci/Methods & Equipment
Mar 67

320,661

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

T. Keller

Effects of Air Pollution on Vegetation
SCHUTZ UNSERES LEBENSRAUMES, 1971, pp 160-170
NTC-72-14758-06F

Jan 1973

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Protective Measures Against the Effects of Electro-Magnetic Impulses (EMI) from Nuclear Explosions on Military Installations. 43 pp. GERMAN, bk, Schutzmassnahmen Gegen die Einwirkling des Elektromagnetischen Impulses von Nuklear-explosionen auf Militaerische Anlaen, Dec 1968.
DIA/LN 1189-69

EEur
Mil
Aug 69

387,807

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

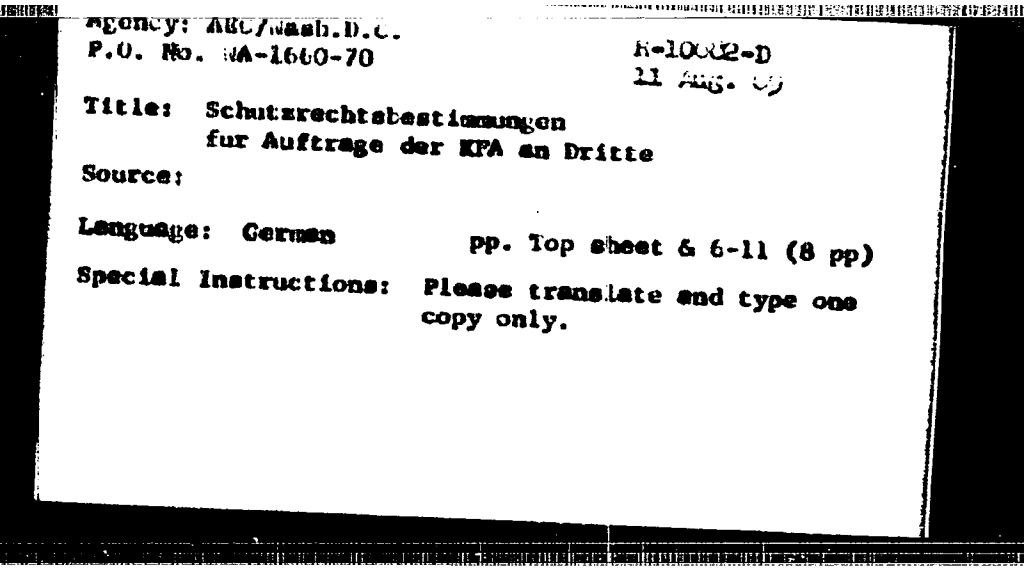
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Protective Measures Taken Against the Effects of Chemical and Biological Combat Media, 49 pp. GERMAN, rpt. Schutzmabnahmen Gegen die Wirkung Chemischer and Biologischer Kampfimittel ZDv 5. Nov 1965,
FOUO
ACSI-K-0573
FSTC-HT-23-1230-71

Oct 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9



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11 Aug. 70

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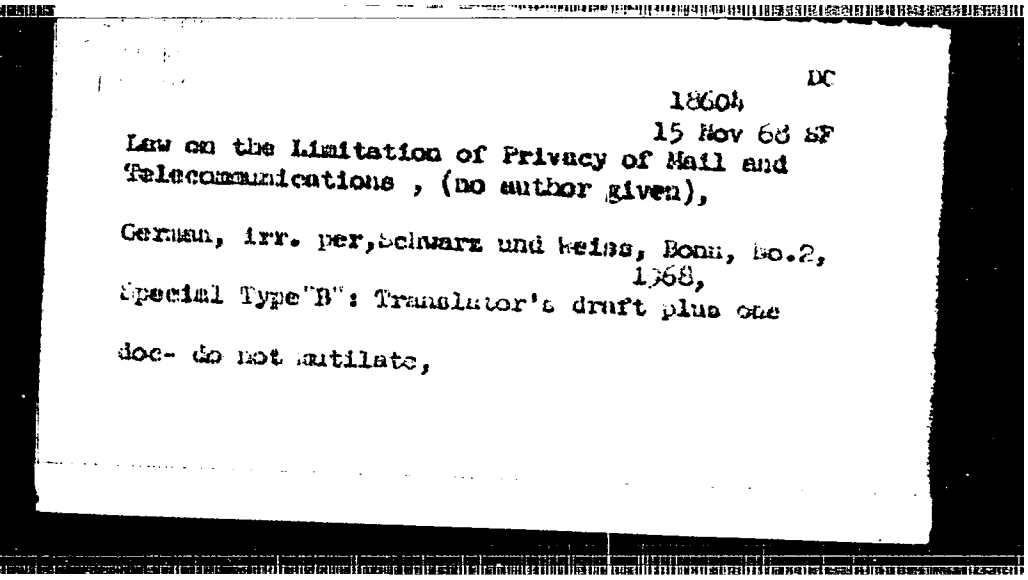

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18604

15 Nov 68 SF

Law on the Limitation of Privacy of Mail and Telecommunications , (no author given),

German, irr. per,Schwarz und Weiss, Bonn, No.2, 1968,

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Welding Problems in the Fabrication of Finned Tube Walls for Large Boilers, by W. Kuchler.
GERMAN, per, Schweissen Schneiden, Vol 17, 1965, pp 70-75.
*MB 6604

Sci/MGM
Sep 65

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Ultrasonic Inspection of Welds in Thin-walled Tube, by H. Schnor.
GERMAN, por, Schweisson und Schneiden,
Vol 17, No 3, pp 119-122.
NB 6485

Sci/MGH
Nov 65

292,101

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Investigations into the Welding of Spheroidal Graphite Cast Iron, by J. Rugo. GERMAN, per, Schweissen Schneiden, Vol 17, July 1965, pp 299-304.
BISI 4872

Sci-MGM
Jul 66

306,483

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

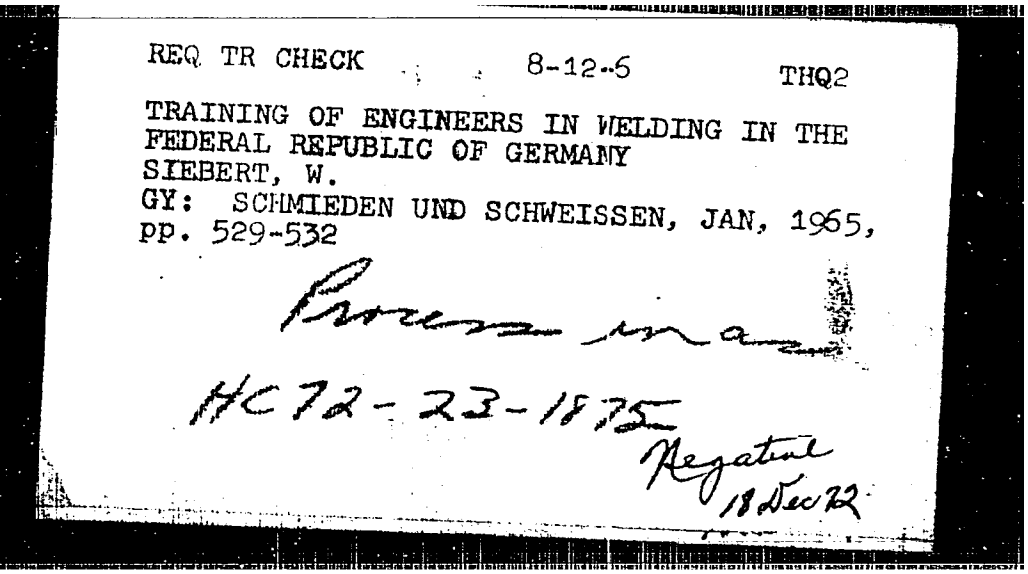
Residual Stresses in Helically Welded Pipes,
by H. Fuss, W. Hofmann.
GERMAN, per, Schweissen Schneiden, Vol 17,
Aug 1965, pp 331-342.
BIBI 5164

321,791

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Apr 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9



REQ TR CHECK 8-12-5 THQ2

TRAINING OF ENGINEERS IN WELDING IN THE FEDERAL REPUBLIC OF GERMANY
SIEBERT, W.
GY: SCHMIEDEN UND SCHWEISSEN, JAN, 1965, pp. 529-532

Romanian

HC 72-23-1875

Negative
18 Dec 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Steel Quality Selection for Structural Engineering and Related Applications, by G. Bierett. GERMAN, per, Schweissen Schneiden, Vol 18, May 1966, pp 230-235.
RRSI 5443

Sci-Materials
Oct 67

343,116

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Testing of Welds for Intergranular Stress Corrosion Cracking, by W. Radeker, W. Friche, GERMAN, per, Schweissen und Schneiden, Vol 18, No 11, 1966, pp 537-545.
HB 7044

Sci/Materials
Jun 67

327,584

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Determination of the Ferrite Content in Austenitic Weld Metal, by H. Dietrich. GERMAN, per, Schweissen und Schneiden, Vol 18, No 11, 1966, pp 552-557.
HB 7058

Sci-Mat
Oct 67

343,054

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Influence of Passivation Films on Electrolytically Galvanized Strip on the Suitability of the Material for Resistance Spot Welding, by H. Becker.

GERMAN, per, Schweissen Schneiden, Vol 18, No 12, 1966, pp 586-591.
BIBI 5655

Sel-Materials
Oct 67

343,134

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Fundamentals of Magnetic Pulse Welding, by F. Erdmann-Jesnitzer and L. Foustal,
GERMAN, per. Schweissen and Schneiden, Vol 19, No 1, 1967, pp 2-9.
HB 7216

Sci-Mat
Mar 68

349,299

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Mechanical Properties of Electron-Beam Welded Alloys for Extreme High-Temperature Service, by W.E. Meyer and H. Schultz.
GERMAN, per. Schweissen und Schneiden, Vol 19, No 3, 1967, ppp 111-116.
HB 8050

Nov 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Submerged Arc Welding of Low Temperature High Strength Structural Steels Taking into Particular Consideration Welding with Pass and Backing Pass, by J. Degenkolbe, H. H. Behrenbeck. GERMAN, per, Schweissen Schneiden, Vol 19, Apr 1967, pp 157-165.
BISI 6314
NLL Ref: 9022.06 (6314)

Sci-Mat
Jul 68

359.926

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

The Influence of Ferrite on the Corrosion Behavior of Weld Deposits Made with Austentic Filler Materials, by
A. Baumel.
GERMAN, per, Schweissen und Schneiden,
Vol 10, No 6, 1967, pp 264-269.
NLL Ref: 5828.4F (7365)

Sci-Mat
Apr 69

379,928

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Friction Welding - the Process and Its Potential Applications. by C. Gengenbach.
GERMAN. per. Schweissen und Schneiden. Vol 19, No 7, 1967. pp 305-310.
NLL Ref: 5828.4F (7107)

Sci-Mech
Aug 68

361,740

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Investigations into the Manufacture of High-Strength Round Steel Chains by the Pressure Butt-Welding Process, by E. Schmidtmann, R. Schumann.
GERMAN, per, Schweissen und Schneiden, Vol 19, No 8, 1967, pp 352-361.
NLL Ref: 5828.4F (7103).

Sci-Mech
Aug 68

361.742

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

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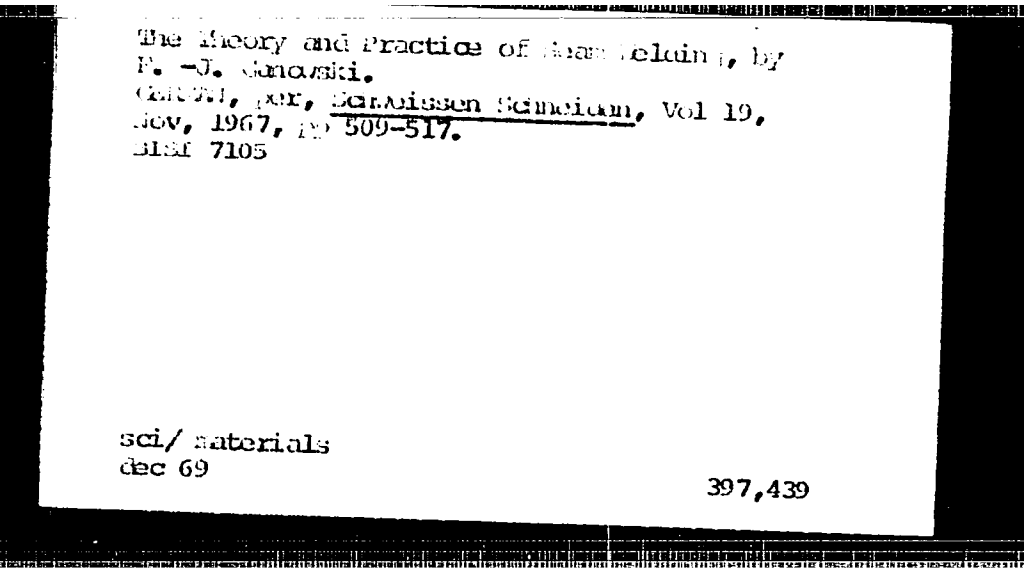


The Theory and Practice of [illegible], by
P. -J. Janowski.
(Zhurnal, per, Spektroskopii, Vol 19,
Nov, 1967, pp 509-517.
Bibl 7105

sci/ materials
dec 69

397,439

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Effect of Differnt Contents of Niobium in Semi-killed and Killed Steels in the Range from 36 to 46 Kp/mm^2 Yield Strength on Weldability of Thick Plates, by K. Fabian, H. Krautmacher. GERMAN, per, Schweissen Schneiden, Vol 19, Nov8, 1967, pp 528-532.
BISI 7153

Sci-Materials
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Building Up Friction Welds, by R. Schaefer
GERMAN, per, Schweissen und Schneiden, Vol 19,
No 11, 1967, pp 533-535
MLL Ref: 5828.4F (12639)

Sci-Mechanical
July 68

360,844

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Investigation into Plasma Arc Weld Surfacing,
by F. Eichhorn, F. Walter.
GERMAN, per. Schweissen und Schneiden, Vol 19,
No 12, 1967. pp 570-575.
HB 7549

Sci-Mat
Feb 69

374.516

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

The Use of Ultrasonic Testing Method for the Inspection and Acceptance of Welds, by R. Trumpfheller.
GERMAN, per, Schweissen und Schneiden, Vol 18, No 6, 1968, pp 1-12.
NLL Ref: 9022,09 (4852)
CL GB Lan 485 2

Sci-Mat
May 69

380,729

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

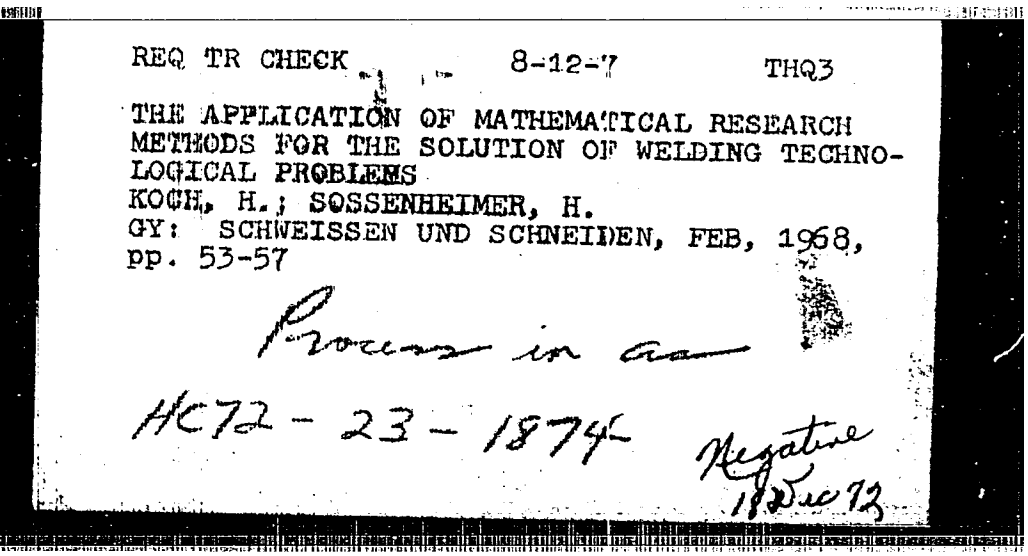
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Effect of Pulsating Internal Pressures Applied to Welded Pipe Upon the Combined Stresses and the Helix Angle of the Weld, by K. Wellinger, GERMAN, per. Schweissen Schneiden, Vol 20, No 1, 1968, pp 8-17.
BISI 9762

Mar 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9



REQ TR CHECK 8-12-7 THQ3

THE APPLICATION OF MATHEMATICAL RESEARCH METHODS FOR THE SOLUTION OF WELDING TECHNOLOGICAL PROBLEMS
KOCH, H.; SOSSENHEIMER, H.
GY: SCHWEISSEN UND SCHNEIDEN, FEB, 1968, pp. 53-57

Process in an

HC72-23-1874 Negative 18 Dec 73

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Welding Quality with Austenitic Cr-Ni Steels as Affected by Ferrite Content, by K. A. Ilert. CERN, per, Schweissen Schneiden, Vol 20, No 2, 1968, pp 64-72.
*TB 8048

sci/materiald
feb 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

The Shaping and Welding of Sound Insulating Sandwich Panels, by D. Kohtz.
GERMAN, per. Schweissen Schneiden, Vol 20, No 2, 1968, pp 72-77.
BISI 7212

Sci-Mat
May 69

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Effect of the Elements Carbon, Nitrogen, and Boron on the Precipitation Behavior of an Austenitic 16% Cr, 16% Ni, 2% Mo Steel with and without the Addition of Columbium, by H. Gerlach.
GERMAN, per, Schweissen und Schneiden, Vol 20, No 2, 1968, pp 85-86.
HB 7443

Sci/Mat
June 68

358,248

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Behavior of Weld Metal under the Action of Molten Metals and Salts, by W. Hummitzsch. GERMAN, per, Schweissen und Schneiden, Vol 20, No 3, 1968, pp 97-104.

HB 7417

Sci-Materials
Nov 68

366,210

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Application of Peak Temperature/Cooling Time Diagrams in the Welding of High-Strength Steels, by C. F. Berkhout and P.H. van Lent. GERMAN, per, Schweissen und Schneiden, Vol 20, No 6, 1968, pp 256-260.
HB 7519

Sci-Materials
Nov 68

366,249

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Electron-Beam Welding at Various Gas Pressures, by W. E. Meyer, L. Dorn. GERMAN, per, Schweissen und Schneiden, Vol 20, No 6, 1968, pp 261-266.
HB 7649

Sci-Mat
June 69

383,275

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

A Method of Evaluating Experiments Direction at Ascertaining Suitability for Soldering, by G. Becker.
GERMAN, per, Schweissen und Schneiden, Vol 20, No 7, 1968, pp 318-322.
NTC-69-15986-13E

Sci-Mech
Feb 70

403,089

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Electron Beam Welding in Comparison with Other High-intensity Welding Processes, by A. Matting, G. Sepold.
GERMAN, per, Schweissen und Schneiden, Vol 20, No 8, 1968, pp 363-367.
HB 7650

Sci-Mat
June 69

383,274

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Use of Plasma Arc Welding for Joining and
Facing, by O. Schmitt.
GERMAN, Zeit. Schweissen und Schneiden, Vol 20,
No 9, 1968, pp 483-487.
AD 7836

sci/ Materials
Sept 69

392,955

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Friction Welding of Tools, by R. Schaefer.
GERMAN, per. Schweissen und Schneiden, Vol 20,
No 9, 1968, pp 492-495.
HB 7644

Sci-Mat
Feb 69

374.515

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Concerning the Metallurgy of Welding Nickel-Molybdenum-Vanadium Alloy Creep-Resisting Steels, by H. H. Behrenbeck.
GERMAN, per, Schweissen Schneiden, No 10, October 1968, pp 509-521.
BISI 6876

Sci-Mat
Apr 69

379,754

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Experiences in the Fabrication of Explosive-Clad Plates, by W. Thiessen.
GERMAN, per, Schweissen und Schneiden, Vol 20, No 10, 1968, pp 521-523.
BB 7661

Sci-Mat
April 69

377.740

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

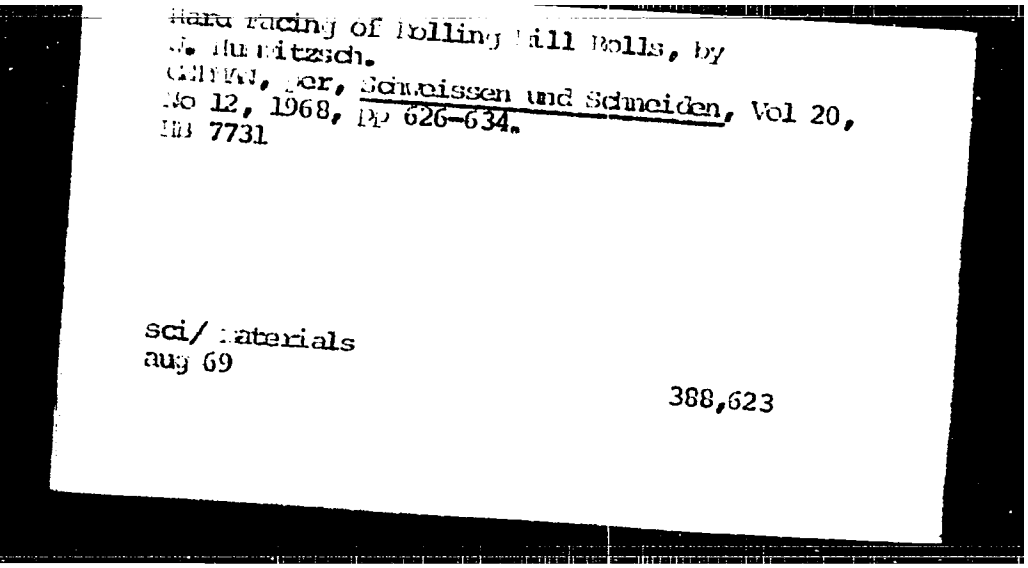
On the Processes at the Weld Junction in the Conventional Friction Welding of (Carbon) Steel, by F. Eichhorn, R. Schaefer.
GERMAN, per, Schweissen und Schneiden, Vol 20, No 11, 1968, pp 563-570.
HB 7720

Sci-Materials
Apr 69

377,753

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9



Hard facing of Rolling Mill Rolls, by
S. Hunitzsch.
Giess., Der, Schweissen und Schneiden, Vol 20,
No 12, 1968, pp 626-634.
UR 7731

sci/ Materials
aug 69

388,623

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Creep Testing of Welded Joints Between Heat (Creep)-Resisting Steels, by H. Buttmann, et al. GERMAN, Per, Schweissen Schneiden, Vol 21, No 1, 1969, pp 8-17.
BISI 7185

sci/ materials
sept 69

390,960

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

The Training of Welding Specialists and Scientists in the Soviet Union, by O. I. Steklov. 11 pp. FOR OFFICIAL USE ONLY FOR INTERNAL USE WITHIN THE DEPARTMENT OF DEFENSE THIS DOCUMENT IS NOT RELEASABE TO DEFENSE DOCUMENTATION CENTER. GERMAN, per, Schweissen und Schneiden, Vol 21, No 2, 1969, pp 71-74. AIR/FTD/HT-23-588-69

sci/misc
may 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Metallurgical Reactions During the Spraying of Steel in Air and Under Controlled Atmospheres, by H.-D. Steffens.
GERMAN, per, Schweissen und Schneiden,
Vol 21, No 2, 1969, pp 79-80.
HB 7806

Sci-Mat
June 69

383,297

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Submerged Arc Welding of S.G. Iron Using Filler Strip Electrodes, by W. Welz, GERMAN, per. Schweissen Schneiden, Vol 21, 1969, pp 162-167.
BISI 8500

Mar 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Fundamental Investigations of Conventional Friction Welding, by P. Bichhorn, P. Schaefer [illegible], per, Schweissen und Schneiden, Vol 21, No 5, 1969, pp 189-198.
AB 7388

sci/materials
Feb 70

402,712

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Cold Pressure Welding of Composite Components Using Extrusion Process, by J. [illegible], P. [illegible]

[illegible], Zeitschrift für Schweissen und Schneiden, Vol 21, No 5, 1969, pp 203-209.

FB 7935

sci/materials
feb 70

402,713

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

High Strength Martensitic Steels, by G. Schulze. GERMAN, per, Schweissen Schneiden, Vol 21, May 1969, pp 212-222.
*BISI 8243

Sci-Mat
May 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

The Present State of Development of Filler Materials for the Mechanized Welding of Heat Treated, Fine Grained Structural Steels, by D. Schulten. GERMAN, per, Schweissen Schneiden, Vol 21, 1969, pp 245-249. BISI 9011

Nov 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9

Fundamentals of Electric Arc Build-up Welding Using Strip Electrodes, by F. Eichorn. GERMAN, per, Schweissen Schneiden, Vol 21, No 8, 1969, pp 311-315.
*HB 8059

Sci-Mat
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401340034-9